DECLARATION AND POWER OF ATTORNEY

below named inventor, I hereby declare that:

esidence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

eye I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names a sted at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

RANDOM PEPTIDES THAT BIND TO GASTRO-INTESTINAL TRACT (GIT) TRANSPORT RECEPTORS AND RELATED METHODS

| ☐ is attached hereto and includes amendment ☐ was filed in the United States on May 15 With amendment(s) filed on ☐ was filed as PCT international Application (if applicable) | , 1998 as Application | n No. <u>09/079,678</u> | | | CT Article 19 or |
|---|---------------------------|--|--------------------------------------|--|--|
| I hereby state that I have reviewed and undersamendment referred to above. | stand the contents of the | above identified app | lication, includ | ing the claims, as | amended by any |
| I acknowledge the duty to disclose information §1.56. | known to me to be mate | rial to patentability a | s defined in Titl | e 37, Code of Fed | leral Regulations |
| I hereby claim foreign priority benefits under certificate listed below and have also identified of the application on which priority is claimed | beļow any foreign appli | Code, §119(a)-(d) of cation for patent or in | any foreign app nventor's certifi | plication(s) for pa cate having a filin | tent or inventor's g date before that |
| EARLIEST FOREIGN APPLICATI | ON(S), IF ANY, FILEI | PRIOR TO THE F | ILING DATE (| OF THE APPLIC | ATION |
| APPLICATION NUMBER | COUNTRY | | OF FILING nonth, year) | PRIOI CLAI | |
| | | | | YES □ | NO 🗆 |
| | | | | YES □ | NO □ |
| I hereby claim the benefit under Title 35, Un | ited States Code, §119(e | e) of any United State | es provisional a | pplication(s) listed | d below. |
| APPLICATION NUMB | ER | | FILING | DATE | |
| 60/046,595 | | | May 15 | , 1997 | |
| I hereby claim the benefit under Title 35, Unit | | | | | |

matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| APPLICATION SERIAL NO. | FILING DATE | STATUS | | | |
|------------------------|-------------|----------|---------|-----------|--|
| | | PATENTED | PENDING | ABANDONED | |
| | | | | | |
| | | | | | |

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 31636), all of Pennie & Edmonds L.P., Whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

| SEN | D CORRESPONDE | PENNIE & EDMC 1155 AVENUE OI NEW YORK, N.Y | F THE AMERICAS PEN | ECT TELEPHONE CALLS TO: NIE & EDMONDS LLP DOCKETING 0 790-2803 | | |
|-------------|----------------------------|---|---------------------------------------|--|--|--|
| | FULL NAME OF INVENTOR | LAST NAME Alvarez | FIRST NAME Vernon | MIDDLE NAME L. | | |
| 2 0 1 | RESIDENCE & CITIZENSHIP | CITY Morrisville | STATE OR FOREIGN COUNTRY Pennsylvania | COUNTRY OF CITIZENSHIP United States | | |
| | POST OFFICE ADDRESS | STREET 187 Rice Drive | CITY Morrisville | PA ZIP CODE 19067 | | |
| | FULL NAME OF INVENTOR | LAST NAME O'Mahony | FIRST NAME Daniel | MIDDLE NAME J. | | |
| 2 | RESIDENCE & CITIZENSHIP | CITY Dublin | STATE OR FOREIGN COUNTRY Ireland | COUNTRY OF CITIZENSHIP Ireland | | |
| | POST OFFICE ADDRESS | STREET 75 Avoca Park Avoca Avenue Blackrock | CITY Dublin | STATE OR COUNTRY ZIP CODE Ireland | | |
| | FULL NAME OF INVENTOR | LAST NAME Lambkin | FIRST NAME Imelda | MIDDLE NAME J. | | |
| 2 | RESIDENCE & CITIZENSHIP | CITY Dublin 13 | STATE OR FOREIGN COUNTRY Ireland | COUNTRY OF CITIZENSHIP Ireland | | |
| | POST OFFICE ADDRESS | STREET 9 Station Road Sutton | CITY Dublin 13 | STATE OR COUNTRY ZIP CODE Ireland | | |
| | FULL NAME OF INVENTOR | LAST NAME Patterson | FIRST NAME Catherine | MIDDLE NAME A. | | |
| 2 0 4 | RESIDENCE & CITIZENSHIP | CITY Dublin | STATE OR FOREIGN COUNTRY Ireland | COUNTRY OF CITIZENSHIP U.K. | | |
| | POST OFFICE ADDRESS | STREET 3 Grange Crescent Pottery Road Dunlaoghaire | CITY Dublin | STATE OR COUNTRY ZIP CODE Ireland | | |
| | FULL NAME OF INVENTOR | LAST NAME Singleton | FIRST NAME Judith | MIDDLE NAME | | |
| 2 | RESIDENCE & CITIZENSHIP | стту Rocky Hill | STATE OR FOREIGN COUNTRY New Jersey | COUNTRY OF CITIZENSHIP United States | | |
| | POST OFFICE ADDRESS | street 401 Knoll Way | CITY Rocky Hill | STATE OR COUNTRY ZIP CODE New Jersey 08553 | | |
| | FULL NAME OF INVENTOR | LAST NAME Belinka, Jr. | FIRST NAME Benjamin | MIDDLE NAME A. | | |
| | RESIDENCE & CITIZENSHIP | стту Kendall Park | STATE OR FOREIGN COUNTRY New Jersey | COUNTRY OF CITIZENSHIP United States | | |
| | POST OFFICE ADDRESS | street 15 Pelham Road | CITY Kendall Park | STATE OR COUNTRY ZIP CODE New Jersey 08824 | | |
| | FULL NAME OF INVENTOR | LAST NAME Carter | FIRST NAME John | MIDDLE NAME M. | | |
| | RESIDENCE & CITIZENSHIP | CITY Trenton | STATE OR FOREIGN COUNTRY New Jersey | COUNTRY OF CITIZENSHIP United States | | |
| | POST OFFICE ADDRESS | STREET 35 Chicory Lane | CITY Trenton | STATE OR COUNTRY ZIP CODE New Jersey 08638 | | |

(2) PENY4-703019.1

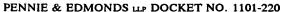
PENNIE & EDMONDS LLP DOCKET NO. 1101-220

| | FULL NAME OF INVENTOR | LAST NAME Cagney | FIRST NAME Gerard | MIDDLE NAME M. | |
|-----|--------------------------|------------------------------|-------------------------------------|-----------------------------|-------------------|
| 0 8 | RESIDENCE & CITIZENSHIP | CITY Seattle | STATE OR FOREIGN COUNTRY Washington | COUNTRY OF CITIZENSHI | P |
| | POST OFFICE ADDRESS | STREET 2618 Yale Avenue East | CITY Seattle | STATE OR COUNTRY Washington | ZIP CODE 98102 |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| SIGNATURE OF INVENTOR 201 | Daniel J. O'Mahony | SIGNAPORE OF INVENTOR 203 |
|---------------------------|---------------------------------|---------------------------|
| Vernon L. Alvarez | | Imelda J. Lambkin |
| DATE | August 5, 1998 | 5/8/98 |
| SIGNATURE OF INVENTOR 204 | SIGNATURE OF INVENTOR 205 | SIGNATURE OF INVENTOR 206 |
| Catherine A. Patterson | Judith Singleton | Benjamin A. Belinka, Jr. |
| DATE 5/8/98 | DATE | DATE |
| SIGNATURE OF INVENTOR 207 | Gerard Cagney Gerard M. Cagney | SIGNATURE OF INVENTOR 209 |
| John M. Carter | Gerard M. Cagney | |
| DATE | DATE 10.8.98 | DATE |

(3) PENY4-703019.1



PENNIE & EI

DECLARATION AND POWER OF ATTORNEY

#3

As a below named inventor, I hereby declare that:

Messignee, post office address and citizenship are as stated below at 201 et seq. underneath my name.

Fam the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

RANDOM PEPTIDES THAT BIND TO GASTRO-INTESTINAL TRACT (GIT) TRANSPORT RECEPTORS AND RELATED METHODS

| 3 | | RECEPTORS AND RELATED METHODS | | | | | | | |
|--|--|--|------------------------------|------------------------------|--------------------------------------|--------------------------|----------------|-----------------------|----------------------|
| and for which a patent application: is attached hereto and includes: is was filed in the United States of with amendment(s) filed on was filed as PCT international of applicable. | amendme n <u>May 1</u> | 5, 1998 as Applicati | on No. <u>09/</u> | | | | | T Artic | le 19 on |
| I hereby state that I have reviewed amendment referred to above. | and unde | erstand the contents of t | he above ide | entified appl | lication, includi | ng the cla | aims, as | amendec | i by any |
| I acknowledge the duty to disclose i §1.56. | informatio | on known to me to be ma | aterial to pat | entability as | defined in Title | e 37, Cod | le of Fede | eral Regi | ulations |
| I hereby claim foreign priority ben certificate listed below and have als of the application on which priority | o identifi | ed below any foreign ap | s Code, §11 plication for | 9(a)-(d) of patent or in | any foreign app ventor's certific | lication(s cate havin |) for pate | ent or in date be | ventor's fore tha |
| EARLIEST FOREIGN A | PPLICA | ΓΙΟΝ(S), IF ANY, FIL | ED PRIOR | TO THE FI | LING DATE C | F THE | APPLIC/ | ATION | |
| APPLICATION NUMBER | ₹ | COUNTRY | | | OF FILING onth, year) | | PRIOR CLAIM | | |
| | | | | | | YES | | NO | |
| | | | | | | YES | | NO | |
| I hereby claim the benefit under T | itle 35, U | Inited States Code, §119 | (e) of any U | Inited States | s provisional ap | plication(| (s) listed | below. | |
| APPLICATION | MUN NC | IBER | | | FILING | DATE | | | |
| 60/04 | 46,595 | | May 15, 1997 | | | | | | |
| | | | | | | | | | |
| I hereby claim the benefit under Ti matter of each of the claims of th paragraph of Title 35, United State in Title 37, Code of Federal Regula international filing date of this app | is applica es Code § ations, §1. | ation is not disclosed in 112, I acknowledge the | the prior U | Inited State: lose inform | s application in ation which is r | the man material t | ner provi | ided by ibility as | the first defined |
| | | STATUS | | | | | | | |
| APPLICATION SERIAL NO. | | FILING DATE | | NTED | PENDIN | 1G | ABA | ANDON | ED |
| | | | | | | | | | |
| | | | | | | | | | |

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), Ann L. Gisolfi (Reg. No. 31956), Mark A. Farley (Reg. No. 33170), and James G. Markey (Reg. No. 31636), all of Pennie & Edmonds LP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

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PENY4-703019.1



| SEN | D CORRESPONDEN | PENNIE & EDMONDS 1155 AVENUE OF THI NEW YORK, N.Y. 100 | E AMERICAS PENN | CT TELEPHONE CALLS TO: IE & EDMONDS LLP DOCKETING 790-2803 |
|-------------|----------------------------|--|---------------------------------------|--|
| | FULL NAME OF INVENTOR | LAST NAME Alvarez | FIRST NAME Vernon | MIDDLE NAME L. |
| 2 0 1 | RESIDENCE & CITIZENSHIP | сіту Morrisville | STATE OR FOREIGN COUNTRY Pennsylvania | COUNTRY OF CITIZENSHIP United States |
| • | POST OFFICE ADDRESS | STREET 187 Rice Drive | CITY Morrisville | STATE OR COUNTRY ZIP CODE PA 19067 |
| | FULL NAME OF INVENTOR | LAST NAME O'Mahony | FIRST NAME Daniel | MIDDLE NAME J. |
| 2 0 2 | RESIDENCE & CITIZENSHIP | CITY Dublin | STATE OR FOREIGN COUNTRY Ireland | COUNTRY OF CITIZENSHIP Ireland |
| 2 | POST OFFICE ADDRESS | STREET 75 Avoca Park Avoca Avenue Blackrock | CITY Dublin | STATE OR COUNTRY ZIP CODE Ireland |
| | FULL NAME OF INVENTOR | LAST NAME Lambkin | FIRST NAME Imelda | MIDDLE NAME J. |
| 2 0 3 | RESIDENCE & CITIZENSHIP | CITY Dublin 13 | STATE OR FOREIGN COUNTRY Ireland | COUNTRY OF CITIZENSHIP Ireland |
| | POST OFFICE ADDRESS | STREET 9 Station Road Sutton | CITY Dublin 13 | STATE OR COUNTRY ZIP CODE Ireland |
| | FULL NAME OF INVENTOR | Patterson | FIRST NAME Catherine | MIDDLE NAME A. |
| 2 0 4 | RESIDENCE & CITIZENSHIP | CITY Dublin | STATE OR FOREIGN COUNTRY Ireland | COUNTRY OF CITIZENSHIP U.K. |
| | POST OFFICE ADDRESS | STREET 3 Grange Crescent Pottery Road Dunlaoghaire | CITY Dublin | STATE OR COUNTRY ZIP CODE Ireland |
| | FULL NAME OF INVENTOR | LAST NAME Singleton | FIRST NAME Judith | MIDDLE NAME |
| 2 0 5 | RESIDENCE & CITIZENSHIP | CITY Rocky Hill | STATE OR FOREIGN COUNTRY New Jersey | COUNTRY OF CITIZENSHIP United States |
| | POST OFFICE ADDRESS | STREET 401 Knoll Way | CITY Rocky Hill | STATE OR COUNTRY ZIP CODE New Jersey 08553 |
| | FULL NAME OF INVENTOR | LAST NAME Belinka, Jr. | FIRST NAME Benjamin | MIDDLE NAME A. |
| 2 0 6 | RESIDENCE & CITIZENSHIP | CITY Kendall Park | STATE OR FOREIGN COUNTRY New Jersey | COUNTRY OF CITIZENSHIP United States |
| | POST OFFICE ADDRESS | STREET 15 Pelham Road | CITY Kendall Park | STATE OR COUNTRY ZIP CODE New Jersey 08824 |
| | FULL NAME OF INVENTOR | LAST NAME Carter | FIRST NAME John | MIDDLE NAME M. |
| 2 0 7 | RESIDENCE & CITIZENSHIP | CITY Trenton | STATE OR FOREIGN COUNTRY New Jersey | COUNTRY OF CITIZENSHIP United States |
| | POST OFFICE ADDRESS | 35 Chicory Lane | CITY Trenton | STATE OR COUNTRY ZIP CODE New Jersey 08638 |

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PENY4-703019.1

| - | FULL NAME OF INVENTOR | LAST NAME Cagney | FIRST NAME Gerard | MIDDLE NAME M. | |
|-----|--------------------------|------------------------------|-------------------------------------|-----------------------------|-------------------|
| 0 8 | RESIDENCE & CITIZENSHIP | CITY Seattle | STATE OR FOREIGN COUNTRY Washington | COUNTRY OF CITIZENSHI | P |
| | POST OFFICE ADDRESS | STREET 2618 Yale Avenue East | CITY Seattle | STATE OR COUNTRY Washington | ZIP CODE 98102 |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| SIGNATURE OF INVENTOR 201 | SIGNATURE OF INVENTOR 202 | SIGNATURE OF INVENTOR 203 |
|---|---|---------------------------|
| Vernon L. Alvarez | Daniel J. O'Mahony | Imelda J. Lambkin |
| DATE / 1998 | DATE | DATE |
| SIGNATURE OF INVENTOR 204 Catherine A. Patterson | SIGNATURE OF INVENTOR 205 Judish Singleton | Benjamin A. Belinka, Jr. |
| DATE | DATE AUGUST 14, 1998 | Quant 24, 1998 |
| SIGNATURE OF INVENTOR 207 | SIGNATURE OF INVENTOR 208 | SIGNATURE OF INVENTOR 209 |
| John M. Carter | Gerard M. Cagney | DATE |
| 1420698 | | |

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